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CUMULATIVE ISSUE
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Volume 21 Number 4



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Air University Library Index to Military Periodicals

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**Volume 21**  
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Cumulative Issue
January-December 1970

Frances B. Rucks, Editor

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**Air University Library**  
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**Maxwell Air Force Base, Ala.**  
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This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

Preface

The *Air University Library Index to Military periodicals* is a subject index to significant articles, news items and editorials appearing in 69 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations; triennial cumulative issues were published from 1952 through 1967. From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members in the Reader Services Division of Air University Library index the periodicals with the exception of eight titles which other Air Force, Army, and Navy libraries index. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries on exchange basis.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT SEVERANCE

Director

Air University Library

PERIODICALS INDEXED

- Aerosp Hist--Aerospace Historian (q) \$5.00. Department of History, Kansas State University, Manhattan, Kan. 66502.
- Aerosp Intl--Aerospace International (bim) \$12.00. Air Force Assoc, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- **Aerosp Maint Safety--Aerospace Maintenance Safety (combined with Aerospace Safety in March 1970)
- Aerosp Med--Aerospace Medicine (m) \$18.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.
- Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) \$3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF & Space Dig--Air Force and Space Digest (m) \$7.00. Air Force Assoc, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- AF Civil Engr--Air Force Civil Engineer - AFRP 85-1 (q) \$1.25. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Compt--The Air Force Comptroller - AFRP 170-2 (q) \$1.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF JAG L Rev--United States Air Force JAG Law Review - AFRP 110-1 (q) \$2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Plcy Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders: Supplement - AFRP 190-2 (m) No price given. Internal Information Division, SAF-OIL, Pentagon, Washington, DC, 20330.
- AF Times--Air Force Times (Eastern Edition) (w) \$12.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.
- Air Pict--Air Pictorial (m) \$6.00 (est). Air League, 334 Brixton Rd, London, SW 9, England.
- Air Reservist - AFRP 30-1 (m) No price given. Editorial Office, Air Reservist, Bolling AFB, DC, 20332.
- AU Rev--Air University Review, The Professional Journal of the United States Air Force - AFRP 50-2 (bim) \$4.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Airman--Airman, Official Magazine of the U. S. Air Force - AFRP 30-15 (m) \$7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Am Avn Hist Soc J--American Aviation Historical Society Journal (q) \$7.00. American Aviation Historical Society, P.O. Box 99, Redondo Beach, Calif, 90277.
- Approach, The Naval Aviator Safety Review - NavWeps 00-75-510 (m) \$7.00. Naval Safety Center, NAS, Norfolk, Va, 23511.
- Armed Forces Compt--Armed Forces Comptroller (q) \$5.00. The American Society of Military Comptrollers, P.O. Box 68, Arlington, Va, 22210.
- Armed Forces J--Armed Forces Journal (biw) \$12.00. Army and Navy Journal Inc, 1710 Connecticut Ave, NW, Washington, DC, 20009.
- **Armed Forces Mgt--Armed Forces Management (ceased publication with vol 16, no. 10, July 1970 issue)
- Armor (bim) \$6.50. U. S. Armor Assoc, Suite 418, 1145 - 19th St, NW, Washington, DC, 20036.
- Army (m) \$7.50. Assoc of the U. S. Army, 1529 - 18th St, NW, Washington, DC, 20036.
- Army Dig--Army Digest, The Official Magazine of the Department of the Army (m) \$9.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Army Qtr--Army Quarterly and Defence Journal (q) \$7.00 (est). William Clowes & Sons, Ltd, Dorland House, 14 & 16 Lower Regent St, London, SW 1, England.
- Combat Crew - SACRP 127-1 (m) No price given. Editor, Combat Crew, Hq SAC (DOSE), Offutt AFB, Neb, 68113.
- **Command (ceased indexing with vol 14, no. 1, Spring 1969 issue)
- Contact - AFITRP 35-1 (bim) No price given. AFIT(A), Wright-Patterson AFB, Ohio, 45433.
- **Data--Data on Defense and Civil Systems (ceased publication with vol 15, no. 3, March 1970 issue)
- Def Ind Bul--Defense Industry Bulletin (m) No price given. Editor, Defense Industry Bulletin, Hq, Defense Supply Agency, Alexandria, Va, 22314.
- Def Mgt J--Defense Management Journal (q) \$1.25. Superintendent of Documents, U. S. Government Printing Office, Washington, DC, 20402.
- ***Def Trans--Defense Transportation, Official Publication of the National Defense Transportation Association (formerly Defense Transportation Journal) (bim) \$12.50. National Defense Transportation Assoc, 1612 K St, NW, Washington, DC, 20006.
- *Elect Warfare--Electronic Warfare (q) \$5.00. Electronic Warfare Magazine, 6903 Clemson Dr, Alexandria, Va, 22307.
- Fld Artilleryman--Field Artilleryman (irregular) No price given. Book Store, U.S. Army Field Artillery School, Fort Sill, Okla, 73503.
- **Flt Intl--Flight International (ceased indexing with vol 97, no. 3185, March 26, 1970 issue)
- Flying Rev Intl--Flying Review International (combined with Interavia in Oct 1970)

*Added titles since the 1969 Cumulative Issue

**Titles ceased indexing since the 1969 Cumulative Issue

***Titles changed since the 1969 Cumulative Issue

PERIODICALS INDEXED (Cont'd)

- *Govt Exec--Government Executive (m) (began indexing with vol 2, no. 7, July 1970 issue) \$12.00. Shoreham Building, 806 15th St, NW, Washington, DC, 20005.
- Hawk--Hawk, The Independent Journal of the Royal Air Forces Staff College (a) \$.70 (est). Royal Air Force Staff College, Bracknell, Berks, England.
- Infantry (bim) \$4.75. Editor, Infantry Magazine, Box 2005, Fort Benning, Ga, 31905.
- Interavia (m) \$15.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.
- Interceptor - ADCRP 127-2 (m) No price given. Editor, Interceptor, Hq Air Defense Command (SED), Ent AFB, Colo. 80912.
- Intl Def Rev--International Defense Review (q) \$6.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.
- *Log Spectrum--Logistics Spectrum (q) No price given. Society of Logistics Engineers, 1411 West Olympic Blvd, Suite 304, Los Angeles, Calif, 90015.
- MAC Flyer - AFRP 62-5 (m) \$3.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- MarCor Gaz--Marine Corps Gazette (m) \$6.00. P. O. Box 1775, MCB, Quantico, Va, 22134.
- Mil Engr--Military Engineer (bim) \$10.00. Society of American Military Engineers, 800 - 17th St, NW, Washington, DC, 20006.
- Mil Rev--Military Review (m) \$4.00. Book Dept, U.S. Army Command and General Staff College, Fort Leavenworth, Kan, 66027.
- NATO's Fifteen Nations (bim) \$6.00. Jules Perel's Publishing Co, 104 A, Nic. Anslijnstraat, Amsterdam West III, The Netherlands.
- Natl Guardsman--National Guardsman (m) \$2.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.
- Nav War Col Rev--Naval War College Review (10 times yearly) No price given. Editor, Naval War College Review, U.S. Naval War College, Newport, RI, 02840.
- **Navigation (ceased indexing with vol 17, no. 1, Spring 1970 issue)
- Navigator - AFRP 50-3 (q) \$1.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Navy--Navy, The Magazine of Sea Power (m) \$3.00. Navy League of the U.S., 818 - 18th St, NW, Washington, DC, 20006.
- Officer (m) \$3.00. Reserve Officers Assoc, 1 Constitution Ave, NE, Washington, DC, 20002.
- Ordnance (bim) \$8.00. American Ordnance Assoc, Union Trust Bldg, Washington, DC, 20005.
- *Persp in Def Mgt--Perspectives in Defense Management (3 nos. a year) No price given. Editor, Perspectives in Defense Management, Industrial College of the Armed Forces, Fort Lesley J. McNair, Washington, DC, 20315.
- Review (bim) \$7.50. The Defense Supply Assoc, 1026 - 17th St, NW, Washington, DC, 20036.
- Royal Air Forces Qtr--Royal Air Forces Quarterly (q) \$2.90 (est). R. A. F. A. Publishing Co, Ltd, 43 Grove Park Road, London, W 4, England.
- Royal United Svc Instn J--Royal United Service Institution Journal (q) \$7.20 (est). Secretary, Royal United Service Institution, Whitehall, London, SW 1, England.
- Signal (m) \$7.50. Armed Forces Communications and Electronics Assoc, 1725 Eye St, NW, Washington, DC, 20006.
- Soviet Mil Rev--Soviet Military Review (m) No price given. Soviet Military Review, 38, Khoroshevskoe Shosse, Moscow, USSR. (Available from Victor Kamkin Agency, 1410 Columbia Rd, Washington, DC, 20009)
- Space World (m) \$8.00. Palmer Publications Inc, Amherst, Wisc, 54406.
- Spaceflight (m) No price given. The British Interplanetary Society, 12, Bessborough Gardens, London, SW 1, England.
- TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, AFIGOPA, Hq USAF, Washington, DC, 20330. Limited to AF offices.
- Tac Air Recon Dig--Tactical Air Reconnaissance Digest - TARCRP 55-1 (q) No price given. Deputy Chief of Staff for Requirements, Concepts/Doctrine, Tactical Air Reconnaissance Center, Shaw AFB, SC, 29152.
- *Tac Air Warfare Cen Qtr Rpt--Tactical Air Warfare Center Quarterly Report (q) No price given. Office of Information, USAF Tactical Air Warfare Center, Eglin AFB, Fla, 32542.
- Trans Proc--Transportation Proceedings (changed to Translog with Feb 1970 issue)
- ***Translog (formerly Transportation Proceedings) (m) \$3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- USAF F Wpns NL--USAF Fighter Weapons Newsletter - AFRP 50-4 (q) No price given. 57th Fighter Weapons Wing (FW/DON), Nellis AFB, Nev, 89110.
- USAF Instrs J--USAF Instructors Journal - AFRP 50-6 (q) \$1.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20401.
- USA Avn Dig--United States Army Aviation Digest (m) \$4.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- US Nav Inst Proc--United States Naval Institute Proceedings (m) \$10.00. U.S. Naval Institute, Annapolis, Md, 21402.

The following abbreviations are used to denote frequency of issue:

| | | | |
|-----|-----------------|----------------------|------------------|
| a | annual | bim | every two months |
| biw | every two weeks | and/or twice a month | |
| sa | twice a year | q | quarterly |
| | | w | weekly |

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U. S. have been eliminated and entry is directly under subject agency, e. g. , STRATEGIC AIR COMMAND, not U. S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e. g. , AIR FORCE--Great Britain; ARMY--United States.

Material on aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. Space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e. g. , DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

Organization's abbreviation, if it is a national term, is used not only as a cross reference (e. g. , NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e. g. , DEFENSES--NATO). Abbreviations are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so alphabetically listed.

Reviews of books are grouped under BOOK REVIEWS.

KEY TO ABBREVIATIONS

| | | | |
|------------------|--|-------|-------------|
| + (after paging) | continuation of article not paged consecutively | Jun | June |
| Apr | April | Mar | March |
| Aug | August | Nov | November |
| bibliog | bibliography | No. | number |
| biog | biography | obit | obituary |
| chart | organizational chart | Oct | October |
| Dec | December | por | portrait(s) |
| Feb | February | Sep | September |
| illus | illustration(s) | sup | supplement |
| Jan | January | tab | table(s) |
| Jul | July | trans | translated |
| | | vol | volume |

EXPLANATION

Sample entry:

ARMS SALES

A realistic look at USAF military assistance and foreign military sales, BrigGen Donald F. Blake, illus AU Rev 22:35-44 Nov-Dec '70

Explanation:

Under the subject ARMS SALES an article entitled "A realistic look at USAF military assistance and foreign military sales" by BrigGen Donald F. Blake, with illustrations, appears in the magazine Air University Review, volume 22, on pages 35 through 44, the November-December 1970 issue.

A

ACEUR see Allied Command Europe

ACIC see Aeronautical Chart and Information Center

ACW see Aircraft Control and Warning

AECF see Airman Education and Commissioning Program

AFCENT see Allied Forces, Central Europe

AFIT see Air Force Institute of Technology

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

ALPA see Air Line Pilots Association

APR see Airman Performance Reports

ARVN see Army--Vietnam (Republic)

ASW see Antisubmarine Warfare

ATAC see Tank-Automotive Command

ATT see Army Training Tests

AUTODIN see Automatic Digital Network

AUTOVON see Automatic Voice Network

AWACS see Airborne Warning and Control Systems

ABBREVIATIONS

Overuse of abbreviations. TIG Brief 22:7 Jan 30 '70

ABENDROTH, William H.

In memoriam: MajGen W.H. Abendroth, 1895-1970. por obit Natl Guardsman 24:9 Oct '70

ABRAMS, Creighton W., Jr

Wellington against Abrams--were the old ways better? Jac Weller. map Army Qtr 100:60-70 Apr '70

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACADEMIC INSTRUCTOR AND ALLIED OFFICER SCHOOL

Air University trains 89 ROTC instructors. AF Times 30:10 Jul 15 '70

Off-the-air video taping for educational purposes--fair use or infringement? Col Joe D. Taylor, Ret. illus AF JAG L Rev 12:90-99 Spring '70

ACCELERATION

Analysis of the frank orthogonal vectorcardiogram during gravitational stress. George H. Cohen and others. illus tabs Aerosp Med 41:891-896 Aug '70

Effects of bending on the vertebral column during +G_z acceleration. A.P. Vulcan and others. illus tabs Aerosp Med 41:294-300 Mar '70

Hand-eye coordination in altered gravitational fields. Malcolm M. Cohen. illus tabs Aerosp Med 41:647-649 Jun '70

Illusions of pitch induced by centripetal acceleration. J.W. Wolfe and R.L. Cramer. illus tabs Aerosp Med 41:1136-1139 Oct '70

Metabolic response to acceleration in man. Richard L. Lipman and others. illus Aerosp Med 41:905-908 Aug '70

Physiological endpoints in acceleration research. Kenneth R. Coburn. illus tab Aerosp Med 41:5-11 Jan '70

ACCELERATION - Continued

Sensory-motor adaptation and after-effects of exposure to increased gravitational forces. Malcolm Martin Cohen. illus tabs Aerosp Med 41:318-322 Mar '70

ACCIDENT PREVENTION

See also
Safety Programs

The accident environment. LtCol William N. Insley. illus USA Avn Dig 16:61-63 Oct '70

Accidental firing of propellant-actuated devices. TIG Brief 22:17 Jul 31 '70

Air Force nuclear weapon system safety. Maj Mitchell B. Riley. illus chart Aerosp Safety 26:30-32 Nov '70

'Are we pitchlocked?' illus Approach 15:42-43 Feb '70

Are you a victim of...the ER (Erroneous Reinforcement) bug? LtCol Eric W. Carlson. illus Combat Crew 21:16-19 Oct '70

An average--1969. LtCol Robert T. Howard. illus tabs Combat Crew 21:4-8 Apr '70

Aviation safety officer indicator? CW3 Kenneth W. Hill. illus USA Avn Dig 16:40-43 Nov '70

Beware the wake. illus MAC Flyer 17:18-22 May '70

The breaks of the game. illus tab Approach 16:26-31 Oct '70

By the book? LtCol Robert Picht. illus Aerosp Safety 26:6-7 Jul '70

Can a computer prevent aircraft accidents? LtCol James R. Massengill. USA Avn Dig 16:43 Apr '70

Chafing of aircraft hoses. Maj Vincent G. Ripoll and Donald R. Artis, Jr. illus tab USA Avn Dig 16:27-29 Nov '70

Combat maturity. Capt Victor Vizcarra. illus Aerosp Safety 26:30-31 Jun '70

Command supervision plus team effort. Col Eugene B. Conrad. illus tab USA Avn Dig 16:46-48 Jul '70

Common explosives safety UEI deficiencies. TIG Brief 22:2 May 8 '70

Communications gap. Col Donald G. Prieve. illus Combat Crew 21:4-7+ Aug '70

Complacency kills. CW3 Arthur R. Sobey. illus USA Avn Dig 16:44-47 Aug '70

Conservation of USAF aircrews and aircraft. TIG Brief 22:1 Sep 11 '70

A crew member looks at supervision. Combat Crew 21:26-27 Jan '70

Danger period for major aircraft accidents. TIG Brief 22:20 Jun 19 '70

Danger-traps on the flightline. illus tab Aerosp Safety 26:38 Oct '70

Deadly misconceptions. illus Interceptor 12:12-14 Apr '70

Distraction factor. illus Aerosp Safety 26:8-10 Jan '70

Don't give up the ship. CW2 Benito A. Trevino. illus USA Avn Dig 16:22-24 Jun '70

Drill--and be safe. Alan Bramson. Flt Intl 96:767 Nov 20 '69

ACCIDENT PREVENTION - Continued

- Eleven steps to effective aircraft accident prevention. (Adapted from address, Army Aviation Commanders Conference, Oct 14-15, 1969) Col Eugene B. Conrad. illus USA Avn Dig 16:36-41 Jun '70
- Eliminating airfield obstructions. CDR William D. Middleton. illus tab Approach 16:42-44 Jul '70
- Explosives safety versus aircraft release systems. TIG Brief 22:4 Jul 3 '70
- Give the new aviation safety officer a chance. CW3 Leroy B. Spivey. illus USA Avn Dig 16:42-44 May '70
- Government motor vehicle accident trends. TIG Brief 22:18 Jul 31 '70
- Hangar and flight line safety. TIG Brief 22:18 Jun 5 '70
- Helicopter happening. Maj David M. Randall. Combat Crew 21:8-9 Jan '70
- The helicopter: Hazardous at any height? LT W.H. Baker. illus (Also cutaways) US Nav Inst Proc 96:56-61 Oct '70
- Help your ASO (Aviation Safety Officer) do his thing. Samuel M. Phillips. illus tab USA Avn Dig 16:47-49 Oct '70
- Help yourself. LtCol Howard L. Collins. USA Avn Dig 16:46-49 Jan '70
- Ice roulette. LtCol Alfred H. Kirchner. illus USA Avn Dig 16:14-15 Dec '70
- Identification and storage of hazardous materials. John P. Neubauer and Capt Jack E. Honsinger. illus tab Review 50:29-30+ Jul-Aug '70
- If... illus Aerosp Safety 26:19 Dec '70
- "I'm sorry." Interceptor 12:22-23 Sep '70
- Information radio--311.0. Capt John T. Gleason. Combat Crew 21:28 Feb '70
- Kitchen-match hazard. TIG Brief 22:8 Jun 19 '70
- LAD (Lookout Assist Device)--a new family of devices for the avoidance of collisions at sea. Robert F. Riggs. illus Navigation 16:219-227 Fall '69
- Laser health hazards control. TIG Brief 22:16 Aug 14 '70
- Let's get involved. Aerosp Safety 26:1 Nov '70
- Light plane losses. illus Aerosp Safety 26:4-6 Nov '70
- (A low-cost aircraft collision avoidance system) Signal 24:140 Aug '70
- Miscellaneous ramblings on automotive safety. Capt William H. Brittain, Jr. illus USA Avn Dig 16:32-35 Dec '70
- A moral issue. illus Interceptor 12:6-7 Jun-Jul '70
- Munitions displays. TIG Brief 22:4 Jul 17 '70
- Naval Aviation safety once over lightly (1970-71). illus Approach 16:1-5 Oct '70
- New British flight recording requirements. Peter Middleton. Flt Intl 96:326-328 Aug 28 '69
- An obligation to crew members. CW2 Stewart D. Rackoff. illus USA Avn Dig 16:36-38 Dec '70
- On the line. Regular feature in issues of Aerospace Maintenance Safety
- 1-2-3, you're out! illus Aerosp Safety 26:2-3 Nov '70

ACCIDENT PREVENTION - Continued

- Our crowded sky. Maj Bernard S. Jones. illus Combat Crew 21:26-27 Aug '70
- Preventing aircraft taxiing and flight. TIG Brief 22:19-20 Jul 31 '70
- Preventing unauthorized taxiing and flight. TIG Brief 22:2 Jun 5 '70
- Professional performers. illus MAC Flyer 17:9-11 Nov '70
- Protection of small arms ammunition. TIG Brief 22:3 Jul 17 '70
- Reflective materials. TIG Brief 22:22 Jul 31 '70
- Roger, no joy! A review of collision avoidance. Maj Gale L. Haskins. illus MAC Flyer 17:4-10 May '70
- Safety in motor vehicle operation. TIG Brief 22:17 Sep 11 '70
- Safety in the air-2: Designing for no accident. Arthur Ord-Hume. illus Flying Rev Intl 26:43-44+ Apr '70
- The show and tell of collision avoidance. Bill Stobie. illus tab MAC Flyer 17:9-11 Sep '70
- Speaking of safety. illus Interceptor 12:8-11 Feb '70
- A switch in time. CW2 Donald E. Williams. illus USA Avn Dig 16:30-31 Feb '70
- The system safety process. LtCol James T. Darrah, Jr. illus USA Avn Dig 16:36-41 May '70
- Takeoff and landing phase accidents. TIG Brief 22:19 Jul 17 '70
- There's no percentage in being one of the 2%. illus Approach 16:36-39 Nov '70
- Thimk, plan ahead. USA Avn Dig 16:51-52 Jun '70
- This safety business--can an overdose hurt us? CW2 Jose A. Suarez. illus USA Avn Dig 16:49-52 Jul '70
- Tips for aviation safety officers. Maj Robert L. Neal. illus USA Avn Dig 16:42-44 Jun '70
- Two-wheel vehicle safety. illus Contact 24:26-27 Sep-Oct '70
- USAF accidental-launch prevention program. TIG Brief 22:2 Sep 11 '70
- USAF 1969 safety trophies. illus Aerosp Safety 26:20-21 Jul '70
- Undershoots and heavy landings. Flt Intl pt 1, 96:44-45 Jul 10 '69; pt 2, 96:122 Jul 24 '69
- The vicious circle. Maj David H. Hook. illus Aerosp Safety 26:12-13 Jul '70
- Violations. illus USA Avn Dig 16:56-59 Jul '70
- Visual aspects--your key to avoiding near collisions. Capt James R. Hanson. illus Aerosp Safety 26:32-35 Jun '70
- Who's minding the men? (Reprinted from Aerospace Maintenance Safety, Nov '69) illus MAC Flyer 17:18-20 Mar '70
- The will to live. CW4 Robert Graben. illus USA Avn Dig 16:46-48 May '70
- Winter weather. illus tab MAC Flyer 17:4-8 Nov '70

ACCIDENTS

- Attention hunters: Safety season is open year-round. illus Approach 16:26-31 Nov '70

ACCIDENTS - Continued

The breaks of the game. illus tab Approach 16:26-31 Oct '70

The commander's role in accident/incident reporting. TIG Brief 22:16 Aug 28 '70

Statistics

The Navy fills in some of the blanks (on Culebra). Armed Forces J 107:26 Jun 20 '70

Redesign motorcycle to cut down fatalities, doctors say. AF Times 30:7 Jan 21 '70

ACCIDENTS, AIR

Can you get there from here (with a crash grid map)? Maj David L. Elliott. Aerosp Safety 26:11 Feb '70

Crash sense. Regular feature in some issues of United States Army Aviation Digest

F-111 grounded. Armed Forces J 107:11 Jan 3 '70

Incidence and pathogenesis of fractures of the lumbar transverse processes in air crashes. H.G. Barrie and N. Hudson-Walker. tab Aerosp Med 41:805-808 Jul '70

Maintain, or lower the aircraft accident rate. TIG Brief 22:5 Nov 27 '70

Medical wastage of military and civil aircrew in Great Britain, 1963-68. G. Bennett and P.J. O'Connor. illus Aerosp Med 41:550-552 May '70

Nine saved in crash of B-52 at Ellsworth (AFB, SD)-- 3 trapped men rescued. AF Times 30:59 Apr 29 '70

Our crowded skies. CDR R.J. Koch, Jr. illus tabs US Nav Inst Proc 96:26-33 Sep '70

Reserve fliers rack up accident-free year. AF Times 30:38 Feb 11 '70

Safety in the air-2: Designing for no accident. Arthur Ord-Hume. illus Flying Rev Intl 26:43-44+ Apr '70

Safety in the air-3: Surviving the disaster. Raymond Hankin. illus Flying Rev Intl 26:45+ Apr '70

The show and tell of collision avoidance. Bill Stobie. illus tab MAC Flyer 17:9-11 Sep '70

Simplifying accident claims. Flt Intl 96:159 Jul 31 '69

Some factors in air accident survival. B.W. Townshend. illus Flt Intl 97:90a-91 Jan 15 '70

CausesSee also

Pilot Error

ABACUS (Aircraft Basic Accident Causes, U.S.) (Army). Emil Spezia. illus tabs USA Avn Dig 16:50-52 Oct '70

An accident revisited. illus Interceptor 12:8-11 Apr '70

Aircraft accidents at night. Anchar F. Zeller. tabs Aerosp Med 41:1066-1069 Sep '70

Aircraft fires and explosions. illus Approach 15:1-4 Jun '70

Alcohol. illus tabs Approach 15:26-30 Jan '70

Ambassador accident cause detailed. Flt Intl 96:84 Jul 17 '69

Analysis of an incident. illus Aerosp Safety 26:6-8 Apr '70

Analysis of injuries incurred during emergency ejection/extraction combat and noncombat. Robert H. Shannon. tabs Aerosp Med 41:798-803 Jul '70

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Anatomy of an accident. LCDR A.E. Petterin. illus Approach 16:6-7 Jul '70

... and then there were none. CDR R.P. Brewer, Ret. illus Approach 15:1-5 May '70

Another way to get upset. Frank J. Clifford. (Reprinted from FAA Aviation News) illus Interceptor 12:20-21 Feb '70

An average--1969. LtCol Robert T. Howard. illus tabs Combat Crew 21:4-8 Apr '70

Bird strike. Marcus Langley. illus Flt Intl 97:333-334 Mar 5 '70

Bird strikes can be reduced. Burnell W. Brink. illus AF Civil Engr 11:23-24 May '70

Birdstrike. Elwood A. Seaman. illus tab Aerosp Safety 26:18-21 Mar '70

Blocked collective. illus USA Avn Dig 16:40-44 Feb '70

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See also

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AIR EXPRESS see Air Cargo

AIR FORCEDivisions, Wings, Groups, etc

See also specific types of units, e. g.,

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Bomber Units
Fighter Units
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- Cuts will total 4000; most already made. AF Times 31:2 Sep 30 '70
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Cadets win praise for civic work. AF Times 31:36 Oct 28 '70

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- Capt (Kenneth H. Sellers) receives AF Cross. AF Times 30:39 Apr 22 '70
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- A fight for life. (Air Force Cross awarded to Sgt Russell M. Hunt) Ed Blair. illus Airman 14:32-35 Feb '70
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- Gen Potts will lead AF Historical Foundation. illus AF Times 31:10 Dec 2 '70

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- AFIT alters notification procedures. AF Times 31:6 Dec 9 '70

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AFIT grads at USAFA. Col Lawrence G. Campbell. illus Contact 24:2-5 May-Jun '70

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(Military-oriented organizations with sizable USAF membership) AF Times pt 1, Military groups sized up. 30:13 Mar 18 '70; pt 2, Over 100,000 belong to AFA. 30:8 Mar 25 '70; pt 3, ROA continues to work for strong Reserve force. 30:15 Apr 1 '70; pt 4, Retired officers' group provides many services. 30:6 Apr 8 '70; pt 5, Sergeants Association operating effectively. 30:14 Apr 15 '70; pt 6, NGAUS fights for equal benefits. 30:8 Apr 22 '70; pt 7, NAUS pushes for better benefits. 30:23 Apr 29 '70; pt 8, NCO group offers many services. 30:15 May 6 '70

AIR FORCE SPECIALTY CODE see Personnel Classification--Air Force --U.S.

AIR FORCE SYSTEMS COMMAND

See also agencies by name, e.g.,

Aeronautical Systems Division
Aerospace Medical Division
Arnold Engineering Development Center
Electronic Systems Division
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OAR under AFSC. Armed Forces J 107:8 Mar 28 '70

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Accelerated training for weather observers (at Chanute Technical Training Center, Chanute AFB, Ill). Howard F. Crombie. illus USAF Instrs J 7: 13-18 Spring '70

Classroom to combat. (Training mission at Lowry Technical Training Center, Lowry AFB, Colo) MajGen Dwight O. Monteith. illus USAF Instrs J 7:65-71 Winter '69-'70

Lowry (AFB, Colo) trains thousands annually. illus AF Times 31:6 Dec 16 '70

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Sheppard (AFB, Tex)--where the student is our most important product. MajGen Jerry D. Page. illus USAF Instrs J 7:65-68 Spring '70

Students today--technicians tomorrow (at Chanute Technical Training Center, Chanute AFB, Ill). Capt Gary A. Guimond. illus Airman 14:41-44 May '70

They call them ropes. (Student leaders at Keesler Technical Training Center) A1C Dave Cole. illus Airman 14:12-16 Nov '70

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'Village' reports only 29 signed. Sue Toma.
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James D. Hessman. illus Armed Forces J 107:
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United States Air Force Europe--a combat-tested
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Robert F. Szarvas. illus NATO's Fifteen
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Hell in the Andes (Peruvian earthquake in May,
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illus Airman 14:44-48 Nov '70

USAFSO aids Latin America. AF Times 31:24
Dec 23 '70

U.S. Air Forces Southern Command. illus AF &
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AIR FREIGHT see Air CargoAIR LAW

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AIR LINE PILOTS ASSOCIATION

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The air cavalry troop. Maj Richard V. Doty. illus
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(Exercise Coronet Bare) illus Tac Air Warfare
Cen Qtr Rpt 1:12-15+ Dec '69

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illus tabs Armor 79:22-26 May-Jun '70

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ARPC human types tame those electronic monsters.
Mrs Ray Lyon. illus Air Reservist 22:4-5 May '70

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Jul 22 '70

AIR RESERVE PERSONNEL CENTER - Continued

Reserve directorate set up--Denver to manage programs. AF Times 31:19 Dec 9 '70

AIR ROUTES see AirwaysAIR-SEA RESCUE see Search and RescueAIR SHOWS see Aviation--ExhibitionsAIR STAFF

The Air Staff. Gen John C. Meyer. chart AU Rev 21:2-9 Jan-Feb '70

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The Air Staff. Gen John C. Meyer. chart AU Rev 21:2-9 Jan-Feb '70

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AIR STRATEGY see Strategy, AirAIR SURVEILLANCE see SurveillanceAIR TACTICS see Tactics, AirAIR TAXI SERVICE see Airlines, Local Service; Helicopters, Local ServiceAIR TRAFFIC CONTROLSee also

Ground-Controlled Approach

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Air traffic control in the seventies--a review of British activity. John Bentley and Hugh Field. Flt Intl 97:221-222 Feb 12 '70

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Aircraft getting retrofit of AIMS (Air traffic control radar system, Identification friend or foe, Military identification System). AF Times 31:55 Nov 4 '70

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Automation in the National Airspace System. (Address, AFCEA, Washington, June 4, 1970) BrigGen Gustav E. Lundquist, Ret. illus map Signal 24:101-108 Aug '70

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| | |
|---------------------|-----------------------|
| Airplanes | Helicopters, Military |
| Airplanes, Military | Missiles |
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B-1 development contract let. Armed Forces J 107: 12-13 Jun 13 '70

B-1 development contracts awarded. AF Pley Ltr for Comdrs: Sup No. 7:25 Jul '70

B-1 fact sheet. tab AF Pley Ltr for Comdrs: Sup No. 7:25-29 Jul '70

The B-1--USAF's coming strategic aircraft. Edgar E. Ulsamer. illus Aerosp Intl 6:37-41 Mar-Apr '70

Bomber need termed urgent. AF Times 31:2 Nov 11 '70

The North American Rockwell B-1. illus Interavia 25:802 Jul '70

Towards the B-1A. Flt Intl 95:817-818 Nov 20 '69

AIRPLANE TYPE - ContinuedB-1 - Cont'd

Two B-1 contracts given. AF Times 30:6 Jun 17 '70

USAF's most versatile bomber (the B-1). Edgar E. Ulsamer. illus AF & Space Dig 53:37-44 Apr '70

Will the B-1 ever join the Air Force? illus tab Armed Forces J 107:15+ Jun 20 '70

History

The B-1--USAF's coming strategic aircraft. Edgar E. Ulsamer. illus Aerosp Intl 6:37-41 Mar-Apr '70

B-24

"Lady Be Good" (Army Air Forces B-24D Liberator 41-24301). Capt Frederick W. Morgan. Airman 14:39 Aug '70

B-29

The aircraft that won a war--the last of the Super-fortresses. Richard M. Keenan. illus Aerosp Hist 17:20-27 Spring '70

B-29 backup (to record annular eclipse of the sun in 1948). W.A. Kinney. illus Airman 14:20-24 Mar '70

B-36

Design development of the XB-36. Meyers Jacobsen. illus (Also cutaways) Am Avn Hist Soc J pt 1, 15: 224-235 Winter '70

B-52

All that glitters. Capt Leroy L. Shultz. illus Combat Crew 21:26-27 Apr '70

Bad day in the Black Hills. Capt Sisco Deen and MSgt Samuel O. Sears. illus AF & Space Dig 53:65-67 Dec '70

Communications gap. Col Donald G. Prieve. illus Combat Crew 21:4-7+ Aug '70

Giant Strike and the Blue Steel winner. LtCol Ralph J. Astrella. illus Combat Crew 21:4-7+ Jul '70

Hydraulic fluid & oxygen B-52 G/H. Larry Lee. illus Combat Crew 21:16-19 Apr '70

Incident at Wurtsmith (AFB, Mich). Maj Robert M. Winn. illus AF & Space Dig 53:56-57 Aug '70

SRAM--Short-Range Attack Missile. Capt John L. Sullivan. illus Combat Crew 21:12-15 Dec '70

Satellite plan for B-52 cut. AF Times 30:9 Jun 17 '70

So you're going to Guam ("Arc Light" duty). Capt Richard E. Carr. illus Navigator 17:32-33 Spring-Summer '70

What are you doing in the right seat boy? "Just saving your life, Dad!" LtCol Vernon E. Richardson. illus Combat Crew 21:16-18 Mar '70

Equipment

Copilot's indications of alternator problems B-52C-F. (Reprinted from Boeing Service News, May-June 1970) illus Combat Crew 21:8-11 Oct '70

Emergency exit through upper escape hatches--B-52. (Reprinted from Boeing Service News, Jan-Feb 1970) illus Aerosp Safety 26:12-14 May '70

Maintenance and Repair

B-52 upkeep improved (Project Cleansweep). Sgt John C. Lyon. illus AF Times 31:16 Nov 4 '70

AIRPLANE TYPE - ContinuedB-52 - Cont'dMaintenance and Repair - Cont'd

Copilot's indications of alternator problems B-52C-F. (Reprinted from Boeing Service News, May-June 1970) illus Combat Crew 21:8-11 Oct '70

Study and Teaching

B-52 CCTS: Flight phase. LtCol Walter C. Laurendine. illus Navigator 17:12-15 Spring-Summer '70

It all begins here (4017th Combat Crew Training Sq, Castle AFB, Calif). LtCol Gerard W. Monier. illus Navigator 17:10-11 Spring-Summer '70

Typical KC-135 training mission. Maj Robert E. Bretzer. illus Navigator 17:20-21 Spring-Summer '70

B-58

Last flight. Maj John L. Snow. illus Combat Crew 21:9-13 Apr '70

Bird DogSee O-1C-2

C-2A matches (Marine) Corps needs. Capt A.E. Carpenter, Jr. illus MarCor Gaz 54:48-49 Jun '70

C-5

Air Force authorization request, FY 71. (Statement to Senate Armed Services Committee, March 10, 1970) Robert C. Seamans, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 5:2-10 May '70

Air Force management. LtGen Duward L. Crow. illus AU Rev 21:10-18 Jan-Feb '70; AF Compt 4: 2-5 Apr '70

Air Force transportation chief talks about C-5 impact. Interview. MajGen Maurice F. Casey. illus Data 15:12-14 Mar '70

Aircraft firms seek cash for F-111 and C-5. AF Times 30:14 May 6 '70

America's strategic airlift capability: A risky calculation. Bruce Cossaboom. Armed Forces J 107: 18-21 Jul 18 '70

Beryllium binders. illus MAC Flyer 17:21 Mar '70

C-5 exhaust velocity/ground operations. illus MAC Flyer 17:27-29 Sep '70

C-5 given okay to fly after wing inspection. AF Times 30:5 Jan 28 '70

C-5 jumbo is here! illus Aerosp Safety 26:2-5 Jun '70

The C-5 landing gear--unique and multi-talented. illus MAC Flyer 17:4-7 Feb '70

The C-5: Performance may save the day. illus Armed Forces J 108:11 Sep 7 '70

C-5A exhaust velocity. illus Approach 16:18-22 Oct '70

C-5A fatigue life in question; so is approved 81-aircraft buy. illus Armed Forces J 107:12-14 May 23 '70

The C-5A Galaxy: Gulliver airborne. Armed Forces J 107:12 Jul 25 '70

Cost of \$28 million forecast for making sick C-5 well. AF Times 31:54 Dec 2 '70

DOD denies C-5A cutback. Armed Forces J 107:15+ Apr 11 '70

AIRPLANE TYPE - ContinuedC-5 - Cont'd

Exhibit 747 military cargo potential. tab Armed Forces J 107:13 Mar 14 '70

Ferguson testifies on C-5A slippage. Joseph Volz. Armed Forces J 107:9 Mar 28 '70

House panel (Armed Services Subcommittee on Military Airlift) scores airlift capability. Armed Forces J 107:8 Jul 4 '70

The improbable aircraft. Gen James Ferguson, Ret. illus Ordnance 55:257-259 Nov-Dec '70

Just another airplane? Capt Garnett C. Brown, Jr. illus (Also cutaway) tab MAC Flyer 17:4-8 Apr '70

Lockheed hit from all sides. Armed Forces J 107:10-11 Jun 6 '70

Look to Lockheed for leadership? Joseph Volz. illus tabs Armed Forces J 107:20-23 Mar 14 '70

MAC's private airline? Ironic conflict between military and civil sectors could prove costly for both ... and for the nation. Benjamin F. Schemmer. illus tabs Armed Forces J 108:26-32 Sep 21 '70

Major aircraft programs. (Remarks, NGAUS, New York, Sep 15, 1970) LtGen James T. Stewart. AF Ploy Ltr for Comdrs: Sup No. 12:14-18 Dec '70

New directions for national defense. Edward C. Smith. illus Mil Rev 50:3-10 Mar '70

Outlook for Air Force materials handling and packaging. BrigGen Maurice F. Casey. illus Def Trans 26:35-39 Jan-Feb '70

Packaging for the new dimensions in air lift. W.R. Rhoads. illus Def Trans 26:54-57 Jan-Feb '70

Packard recalled to SASC on C-5 wing problem? Bruce Cossaboom. Armed Forces J 107:8-9 Jun 13 '70

Panel lists changes needed to bolster C-5. AF Times 30:3 Jul 1 '70

Separation from heavy aircraft. TIG Brief 22:24 Apr 10 '70

Slow delivery of C-5s delays 4 squadrons. AF Times 30:10 Mar 18 '70

Strategic airlift for armor. Capt John B. Roseburg. illus tabs Armor 79:22-26 May-Jun '70

Transportation in the 70's. MajGen Maurice F. Casey. illus Translog 1:15-17+ May '70

Two C-5A units planned at Travis (AFB, Calif). AF Times 30:3 Jul 8 '70

Costs

C-5 funds battle goes to Senate floor. Armed Forces J 107:8-9 Jul 18 '70

House serves up Lockheed 'slush fund.' Armed Forces J 107:7-8 May 9 '70

Lockheed's C-5A testimony. Flt Intl 96:31-32 Jul 3 '69

U.S. probes Fitzgerald case. Armed Forces J 107:11 Jan 10 '70

Maintenance and Repair

Maintenance in the seventies. Maj Gen L. F. Tanberg. illus AU Rev 21:18-28 Jul-Aug '70

Study and Teaching

Training the king's men. (Crew training for C-5) MSgt Ken Allen. illus Airman 14:4-9 Aug '70

AIRPLANE TYPE - ContinuedC-5 - Cont'dTesting

(Fort) Bragg (NC) troops to test C-5A--joint Army-AF project. AF Times 30:34 May 6 '70

C-7

It's called TAC EVAC. (Exercise of the 1st Aero-medical Evacuation Group, Pope AFB, NC) Capt Murray Cragin. illus Airman 14:23-24 May '70

C-9

All aeromed patients now travel by jet. AF Times 30:12 Jan 21 '70

The flying hospital--the only unit of its kind (AFR's 932d Aeromedical Airlift Gp (Associate)). 1stLt Thomas G. Anderson. illus Air Reservist 22:12-13 Feb '70

Routine Nightingale. Maj Gale L. Haskins. illus MAC Flyer 17:9-11 Oct '70

C-47

Adaptable "birds" for counterinsurgency. Maj George T. Deken. illus Tac Air Warfare Cen Qtr Rpt 2:12-21 Sep '70

'Gooney Bird' group forms Nest No. 1. Sgt Kenneth H. Hacker. AF Times 30:15 May 20 '70

C-97

Clipper of the skies: The Boeing Stratocruiser. illus (Also cutaway) tabs Am Avn Hist Soc J pt 1, 14:217-228 Winter '69; pt 2, 15:33-38 Spring '70

History

Clipper of the skies: The Boeing Stratocruiser. illus (Also cutaway) tabs Am Avn Hist Soc J pt 1, 14:217-228 Winter '69; pt 2, 15:33-38 Spring '70

C-119

Gunships and guerrilla warfare. Maj James R. Wolvert. illus Tac Air Warfare Cen Qtr Rpt 2:22-27 Sep '70

C-123

'Bug-birds' bugs bugs. 2dLt Bob Saltee. AF Times 30:14 Feb 18 '70

Howard (AFB, CZ) gets Providers--two new carriers. AF Times 30:32 Feb 11 '70

It's called TAC EVAC. (Exercise of the 1st Aero-medical Evacuation Group, Pope AFB, NC) Capt Murray Cragin. illus Airman 14:23-24 May '70

Study and Teaching

Viets training in C-123s at Lockbourne (AFB, Ohio). AF Times 31:22 Dec 2 '70

C-124

Bedding airlifted to flood victims (in Puerto Rico). AF Times 31:11 Nov 25 '70

C-130

Business is booming in (Operation) 'Commando Vault.' Capt Lynn M. Ligon. illus AF Times 30:16 Jun 3 '70

Command post monitors C-130s. AF Times 31:24 Aug 19 '70

Five units reprieved in Reserve. AF Times 30:6 Jul 29 '70

AIRPLANE TYPE - ContinuedC-130 - Cont'd

It's called TAC EVAC. (Exercise of the 1st Aero-medical Evacuation Group, Pope AFB, NC) Capt Murray Cragin. illus Airman 14:23-24 May '70

Packaging for the new dimensions in air lift. W.R. Rhoads. illus Def Trans 26:54-57 Jan-Feb '70

Palace Prop seeks C-130 engineers. AF Times 31:8 Nov 4 '70

Think tank on wings (Tactical Airlift Center, Pope AFB, NC). Capt James Johnson. illus Airman 14:30-33 Sep '70

C-135

Planes at poles examine auroras. AF Times 31:10 Nov 25 '70

C-141

The Air National Guard: Status and future are concerns as scores of aircraft/unit conversions are seen on horizon. illus Natl Guardsman 24:16-17 Dec '70

All aeromed patients now travel by jet. AF Times 30:12 Jan 21 '70

The C-141 is getting new fiberglass control surface trailing edges. W.R. Porter, Jr. illus MAC Flyer 17:10-13 Jun '70

C-141 landing gear malfunction. CMSgt John T. Kosakoski. illus (Also cutaways) MAC Flyer pt 1, 17:4-7 Dec '70

C-141 operations in coffin corner. Maj Charles L. Pocock. illus tab MAC Flyer 17:18-20 Dec '70

Cracks in the C-141. illus MAC Flyer 17:12-13 Sep '70

The mission--air evac in SEA. A1C Marcello Cargo, Jr. AF Times 31:22 Dec 16 '70

Packaging for the new dimensions in air lift. W.R. Rhoads. illus Def Trans 26:54-57 Jan-Feb '70

Prepare to crash. A1C Marc Duke. illus Airman 14:28-29 May '70

Strategic airlift for armor. Capt John B. Roseburg. illus tabs Armor 79:22-26 May-Jun '70

USAF rejects RAND's study to phase out C-141s, beef up CRAF. Armed Forces J 108:15 Oct 5 '70

Why first pilots? illus tabs MAC Flyer 17:12-13 Jul '70

Wild ride in a big bird. Maj Charles L. Pocock. (Reprinted from Aerospace Safety, Oct 1969) illus MAC Flyer 17:16-18 Jun '70

Maintenance and Repair

Aids to reliable performance. John P. Foley, Jr. illus USAF Instrs J 7:41-45 Spring '70

Study and Teaching

Phased transition training. Capt Kay A. Yingling. illus USAF Instrs J 8:63-65 Fall '70

C-142

See XC-142

Caribou

See C-7

Corsair II

See A-7

Cougar

See F-9

AIRPLANE TYPE - ContinuedDelta Dagger

See F-102

Delta Dart

See F-106

E-1

Unexpected lift! illus Approach 16:18-19 Jul '70

EB-66

War of the wizards. MSgt Loren B. Leonberger. illus Airman 14:17-19 Nov '70

EC-135

Assignment: 55th Strategic Reconnaissance Wing. Capt Daniel R. Peterson. illus Navigator 17:26-29 Spring-Summer '70

Computerized control: Boon to ARIA (Apollo Range Instrumentation Aircraft). MajGen David M. Jones. illus AU Rev 21:69-75 May-Jun '70

"The Jimmy Durante Air Force" (Apollo Range Instrumentation Aircraft (ARIA)). James H. Denmark. illus Airman 14:59-61 Jan '70

F-4

Bomb system for F4 passes tests at Eglin (AFB, Fla). AF Times 30:34 Mar 11 '70

F-4 gun camera. Capt Jerry Jameson. illus USAF Ftr Wpns NL No. 3:5-7 Sep '70

F-4 modification begins. AF Times 31:43 Dec 23 '70

F-4 poststall gyrations and upright spin characteristics. illus Approach 16:5 Dec '70

F-4Ds modified at Korat (RTAFB, Thailand)--over 100 aircraft involved. AF Times 30:18 Jun 10 '70

F-4E sight check. Capt Hugh K. Dayton, Jr. illus tab USAF Ftr Wpns NL No. 1:8-10 Mar '70

F-4/F-105 bunt bombing. Maj Robert A. Jackson. illus tabs USAF Ftr Wpns NL No. 4:8-13 Dec '69

44 Phantoms--that's the number of USAF F-4s lost in out-of-control accidents. LtCol Raymond L. Krasovich. illus Aerosp Safety 26:2-6 May '70

How to spruce up your F-4 radar bombing program. Capt J. Griffith, Jr. illus USAF Ftr Wpns NL No. 3:10-12 Sep '70

Improved capability. Capt Richard K. Koehnke. illus USAF Ftr Wpns NL No. 1:29-32 Mar '70

Let's get serious about dive toss. Capt Robert H. Baxter. illus tab USAF Ftr Wpns NL No. 3:17-23 Sep '70

MacDill (AFB, Fla) trains Aussie crews in 'E' Phantoms. AF Times 30:55 Aug 5 '70

Mission of the dart. Sgt Sandy Weisenburg. illus Airman 14:8 Jun '70

Phantom crewmen sought (to fill in blank spots in history of Phantom, tail number 640799). AF Times 30:24 Mar 4 '70

Phantom foray--air defence and interception by the "Fighting Cocks." John Bentley. illus Flt Intl 97:47-52 Jan 8 '70

Phantom survival. (AFC awarded to LtComdr Peter Marshall) Flt Intl 97:279 Feb 19 '70

Phantom II details. Part II. George J. Letzter. illus Am Avn Hist Soc J 15:49-55 Spring '70

AIRPLANE TYPE - ContinuedF-4 - Cont'd

Pilots to leave F-4 rear seats. AF Times 31:8
Nov 18 '70

Threshold of sin. LtCol Kenneth R. Ryckman. illus
USAF Ftr Wpns NL No. 1:18-21 Mar '70

Unload for control. Maj Jerry Gentry and Bert Rutan.
illus Aerosp Safety 26:1-5 Oct '70

Equipment

Hit the ground running. Maj John D. Shacklock, Ret.
illus Aerosp Safety 26:20-25 Oct '70

F-5

Contract for F-5 stirs controversy. AF Times 31:23
Dec 9 '70

International fighter (source selection due). Armed
Forces J 107:13+ Jun 13 '70

Northrop wins IFA competition amid dissenting
voices. Armed Forces J 108:23 Dec 7 '70

Willy and the dart. Maj R. Mohamed. illus USAF Ftr
Wpns NL No. 4:25-27 Dec '69

F-9

... and then there were none. CDR R. P. Brewer, Ret.
illus Approach 15:1-5 May '70

F-12

See YF-12

F-14

See ZF-14

F-15

See ZF-15

F-84History

F-84's around the world. Norman E. Taylor. illus
tabs Am Avn Hist Soc J 15:126-127 Summer '70

F-86

F-86? Sabreliner? No! It's a T-39. Maj Ray D. Rit-
tenhouse. illus Aerosp Safety 26:1 May '70

F-100

ANG gets F-100D--more muscle for TAC. illus Natl
Guardsmen 24:32 Jun '70

F-100 escape tested. AF Times 30:38 May 27 '70

Mission of the dart. Sgt Sandy Weisenburg. illus
Airman 14:8 Jun '70

New mission aircraft assigned to three ANG fighter
units. Natl Guardsman 24:37-38 Nov '70

Old fighter planes never die. LtCol Wayne H. Hemm.
illus Aerosp Safety 26:20-22 Jan '70

To fly and to fight. illus Natl Guardsman 24:30-32
Jun '70

History

Spirit of St Louis II. David W. Menard. illus Am Avn
Hist Soc J 15:266-267 Winter '70

Study and Teaching

End of an era (F-100 Fighter Weapons Instructors
Courses). Capt Athos E. Guillot, Jr. illus USAF
Ftr Wpns NL No. 1:22-23 Mar '70

Most fire for the buck. illus Air Reservist 22:12-13
Aug-Sep '70

AIRPLANE TYPE - ContinuedF-101

Malmstrom wins in 'William Tell.' illus AF Times
31:10 Nov 18 '70

Three ANG units shift to F-101. AF Times 30:21
Jun 17 '70

F-102

Delta Daggers & ground egress. illus Interceptor
12:14-15 Dec '70

Malmstrom wins in 'William Tell.' illus AF Times
31:10 Nov 18 '70

F-104

Snake-eyes and Starfighters. Capt Mike Major. illus
USAF Ftr Wpns NL No. 1:12-16 Mar '70

The thing. A.W. (Tony) Levier. (Reprinted from TAC
Attack, June 1968) illus Interceptor 12:8-13 May '70

F-105

F-4/F-105 bunt bombing. Maj Robert A. Jackson.
illus tabs USAF Ftr Wpns NL No. 4:8-13 Dec '69

Ripple six. Maj Gene I. Basel. illus USAF Ftr Wpns
NL No. 3:24-26 Sep '70

Wild Weasel. Elect Warfare 2:15+ Feb-Mar '70

Maintenance and Repair

The engine managers of Takhli. Capt John M.
Moscatelli. illus AF & Space Dig 53:54-57 Jan '70

F-106

Eleven inches from success. LtCol Thomas H. Nor-
mile. illus Interceptor 12:5-7 Sep '70

F-106 abort chart. William Fairey. illus Interceptor
12:13 Mar '70

Movie camera tested. AF Times 30:6 Aug 5 '70

A new potential. (Adapted from a test project report)
Maj George R. Hennigan. illus Interceptor 12:20-22
May '70

F-111

Air Force authorization request, FY 71. (Statement
to Senate Armed Services Committee, March 10,
1970) Robert C. Seamans, Jr. tabs AF Plcy Ltr
for Comdrs: Sup No. 5:2-10 May '70

Aircraft firms seek cash for F-111 and C-5.
AF Times 30:14 May 6 '70

All F-111 models hit by grounding. AF Times 30:20
Jan 14 '70

Australia's F-111 concern. Flt Intl 96:108 Jul 17 '69

Australia's F-111C decision. illus Flt Intl 97:354-
356 Mar 5 '70

Defects in F-111s probed--year to fix. AF Times
30:2 Apr 15 '70

F-111 cutback. Armed Forces J 107:15 Jan 24 '70

F-111 grounded. Armed Forces J 107:11 Jan 3 '70

F-111 hearings to reopen. Armed Forces J 107:9
Jan 17 '70

F-111 praised by (Sen Barry) Goldwater. AF Times
30:13 Mar 18 '70

F-111 production to end. illus Flt Intl 97:446-447
Mar 19 '70

AIRPLANE TYPE - ContinuedF-111 - Cont'd

- F-111A armament systems. Capt Michael E. Richardson. illus tabs USAF Ftr Wpns NL No. 4:28-35 Dec '69
- F-111D Mark II avionics. Maj Cal Broadaway. illus USAF Ftr Wpns NL No. 4:2-7 Dec '69
- Hill continues F-111 debate. Armed Forces J 107: 17-18 Apr 25 '70
- 'Life' set in tests of F-111. AF Times 30:2 May 13 '70
- Major aircraft programs. (Remarks, NGAUS, New York, Sep 15, 1970) LtGen James T. Stewart. AF Pcly Ltr for Comdrs: Sup No. 12:14-18 Dec '70
- O'Neill sees no F-111 alternative. Joseph Volz. Armed Forces J 107:13 Apr 4 '70
- Project Icarus and the F-111. Claude Witze. illus AF & Space Dig 53:39-44 Jul '70
- R.A.A.F. F-111s accepted--on conditions. Flt Intl 96:581a Oct 9 '69
- Score, praise F-111. Armed Forces J 107:10-11 Apr 18 '70
- United States Air Force Europe--a combat-tested streamlined and tightly managed NATO-force. Robert F. Szarvas. illus NATO's Fifteen Nations 15:62-63+ Feb-Mar '70

History

- Project Icarus and the F-111. Claude Witze. illus AF & Space Dig 53:39-44 Jul '70

Maintenance and Repair--Study and Teaching

- Students, mechanics and airplane generals. AIC George Chain. illus Airman 14:39-40 May '70

Study and Teaching

- Birth of a tech training course. Capt Garry E. Mitchelmore. illus Airman 14:34-38 May '70

FB-111

- New bird in town. illus Combat Crew 21:4-6 Jan '70

Study and Teaching

- FB-111 crew training. Maj Arven R. Ely, Jr. illus Navigator 17:63-64 Spring-Summer '70

FX

- See ZF-15

Flying Boxcar

- See AC-119; C-119

Freedom Fighter

- See F-5

Galaxy

- See C-5

Globemaster

- See C-124

Greyhound

- See C-2

Hercules

- See C-130; WC-130

Hustler

- See B-58

AIRPLANE TYPE - ContinuedKC-97

- ANG (161st Military Airlift Gp) personnel help in KC-97 conversion. AF Times 30:55 Aug 5 '70

KC-135

- Assignment: 55th Strategic Reconnaissance Wing. Capt Daniel R. Peterson. illus Navigator 17:26-29 Spring-Summer '70
- Handful of yoke. Maj Edgar C. Leavenworth. (Adapted from Combat Crew, Sep 1967) illus Combat Crew 21:8-11 Dec '70
- How to beat the fire-breathing dragon (KC-135 Doppler). Maj William G. Halpin. illus Navigator 17:34-35 Spring-Summer '70
- 'I'm below bingo! Get me a tank!' Capt William W. Heimbach, Jr. illus AF & Space Dig 53:44-46 Dec '70
- KC-135 overwater navigation. Capt Bruce R. Johnson. illus Navigator 17:31 Spring-Summer '70
- A little self-help may get the job done (in the KC/EC-135). Capt Charles H. Mead. illus Combat Crew 21:16-18 Jun '70
- '135 radar WX avoidance. illus Combat Crew 21: 12-15 Jun '70
- SAC's special missions. Capt Raymond J. Solecki. illus Navigator 17:23-24 Spring-Summer '70

Study and Teaching

- CCTS: KC-135 navigator. Maj Edward R. Coogan. illus Navigator 17:16-17 Spring-Summer '70
- Typical KC-135 training mission. Maj Robert E. Bretzer. illus Navigator 17:20-21 Spring-Summer '70

LB-7

- Jungle's victims (a Nicaraguan swamp). TSgt William A. Brockman. illus Airman 14:29-31 Feb '70

LIT

- Boeing, LTV project--two join to build (LIT) V/STOL. illus AF Times 30:30 Jan 7 '70

Mescalero

- See T-41

Mohawk

- See OV-1

Nightingale

- See C-9

O-1

- Overlooking the obvious--and the not so obvious. Capt F. Lloyd White. illus USA Avn Dig 16:32-33 Sep '70

O-2

- Adaptable "birds" for counterinsurgency. Maj George T. Deken. illus Tac Air Warfare Cen Qtr Rpt 2: 12-21 Sep '70

- The catbird seat. Ed Blair. illus Airman 14:38-41 Nov '70

- Maintain airspeed and control if you want to keep flying. illus Aerosp Safety 26:6-8 Feb '70

AIRPLANE TYPE - ContinuedOV-1

Hawk in the sky. Maj James M. Boone. illus USA
Avn Dig 16:2-7 Sep '70

OV-10

Bucked from a Bronco. illus Approach 16:32-33
Oct '70

Orion

See P-3

P-3

The P-3 Orion: A politico-military instrument.
LCDR William R. Westlake. illus US Nav Inst
Proc 96:99-100 Nov '70

Panther

See LB-7

Phantom II

See F-4; RF-4

Provider

See C-123

RB-57

Astronaut aeronauts (58th Weather Reconnaissance
Sq). CMSgt E. Martinez. illus Airman 14:18-22
May '70

Full pressure suit checkout. Maj Frederick C. West-
ergaard. illus MAC Flyer 17:8-10 Dec '70

RC-135

Assignment: 55th Strategic Reconnaissance Wing.
Capt Daniel R. Peterson. illus Navigator 17:26-29
Spring-Summer '70

RF-4

Forerunners of the Phantom. Col Barney Oldfield,
Ret. illus NATO's Fifteen Nations 15:70-74
Aug-Sep '70

Phantom intelligence--the role of USAFE's 66th Tac-
tical Reconnaissance Wing. Humphrey Wynn. illus
Flt Intl 96:768-771 Nov 20 '69

RF-4C out-of-control recovery. illus Approach
15:34-35 Feb '70

S-3

CNO asked to straighten out Navy 'lies' on S-3A
snafu. Armed Forces J 107:12 May 2 '70

DOD, Congress debate Lockheed plight. Armed
Forces J 107:20-21 Mar 21 '70

Navy's new systems: F-14, VAST (Versatile Avionics
Shop Test), S-3. Interviews with CAPTs Lionel E.
Ames, Jr, Samuel Chessman, and Fred H.
Baughman, by Eileen Remington. illus Data
15:28-31 Feb '70

Costs

Packard tells Navy he may cancel S-3A, but fails to
mention it to Congress. illus Armed Forces J
107:21 Mar 14 '70

SR-71

Computer flight planning--Mach 3+. LtCol Albert G.
Hewitt, Jr. illus Combat Crew 21:20-21 Apr '70

Flying the big black bird. illus Airman 14:4-8 Oct '70

Mach 3+ computer flight planning. LtCol Albert G.
Hewitt, Jr. illus Navigator 17:24-25 Spring-
Summer '70

AIRPLANE TYPE - ContinuedSabre

See F-86

Sabreliner

See T-39

Skyhawk

See A-4; TA-4

Skyraider

See A-1

Skytrain

See AC-47; C-47

Starfighter

See F-104

Starlifter

See C-141

Stratocruiser

See C-97

Stratofortress

See B-52

Stratofreighter

See C-97; KC-97

Stratolifter

See C-135

Stratotanker

See KC-135

Super Sabre

See F-100

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- See also
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COMMANDS

- See also
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Engineer Centers and Schools
Management Centers and Schools
Medical Centers and Schools
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Transportation Centers and Schools

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Pilots--Education and Training

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Air Force Institute of Technology
Air Force Technical Training Centers
Air Training Command
Air War College
Airman Education and Commissioning Program

Extension Course Institute
Flight Training
Inter-American Air Forces Academy
Minuteman Education Program
Missile Training
Officer Training School
Squadron Officer School

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Air Crews--Education and Training
Astronauts--Education and Training
Navigators--Education and Training
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Chinook

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Cobra

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HH-3

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Huskie

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HELICOPTER TYPE - ContinuedIroquois

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Nighthawk

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OH-13

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SH-3

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Tarhe

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Wing commander mobile (Col R.R. Melton, 12th Tactical Fighter Wg, Cam Ranh Bay AB). Capt Robert P. Everett, illus Airman 14:52-54 Feb '70

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Beware the long, long trailer. Leon W. Heidebrecht, illus Translog 1:18 Apr '70

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Crackdown set on HHG carriers. Len Famiglietti, AF Times 30:1+ Apr 8 '70

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Some still face taxes on moves. Bob Horowitz, AF Times 31:5 Dec 16 '70

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Quarters furniture and equipment. TIG Brief 22:14 Aug 14 '70

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Dream house or house of horror? 'Shopping' is the answer! LtCol Tom Hamrick, illus Army 20:31-33 Mar '70

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ICAO see International Civil Aviation Organization

ICBM see Missiles

ILS see Integrated Logistic Support

INTELSAT see International Telecommunications Satellite Consortium

IP see Instructor Pilots

ISA see International Security Affairs

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- Antarctic Research
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- Aviation Medicine--Research
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- Ice Research
- Industrial Research
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The President makes his choice--Moorer named JCS chairman, Zumwalt to be youngest CNO. James D. Hessman and Brooke Nihart. por Armed Forces J 107:18-22 Apr 18 '70

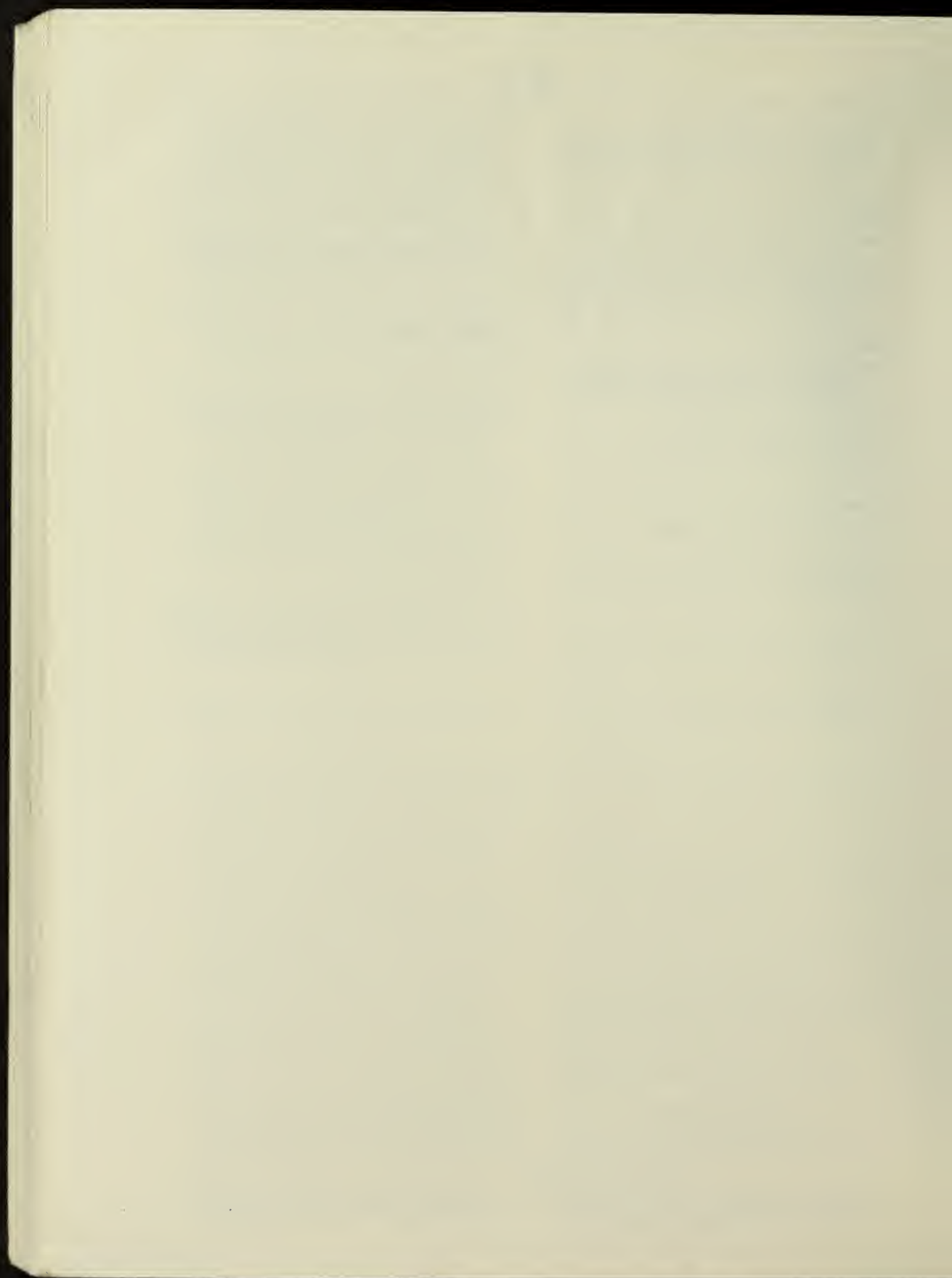
Z is for Z-gram. James D. Hessman. illus Armed Forces J 108:30+ Dec 7 '70

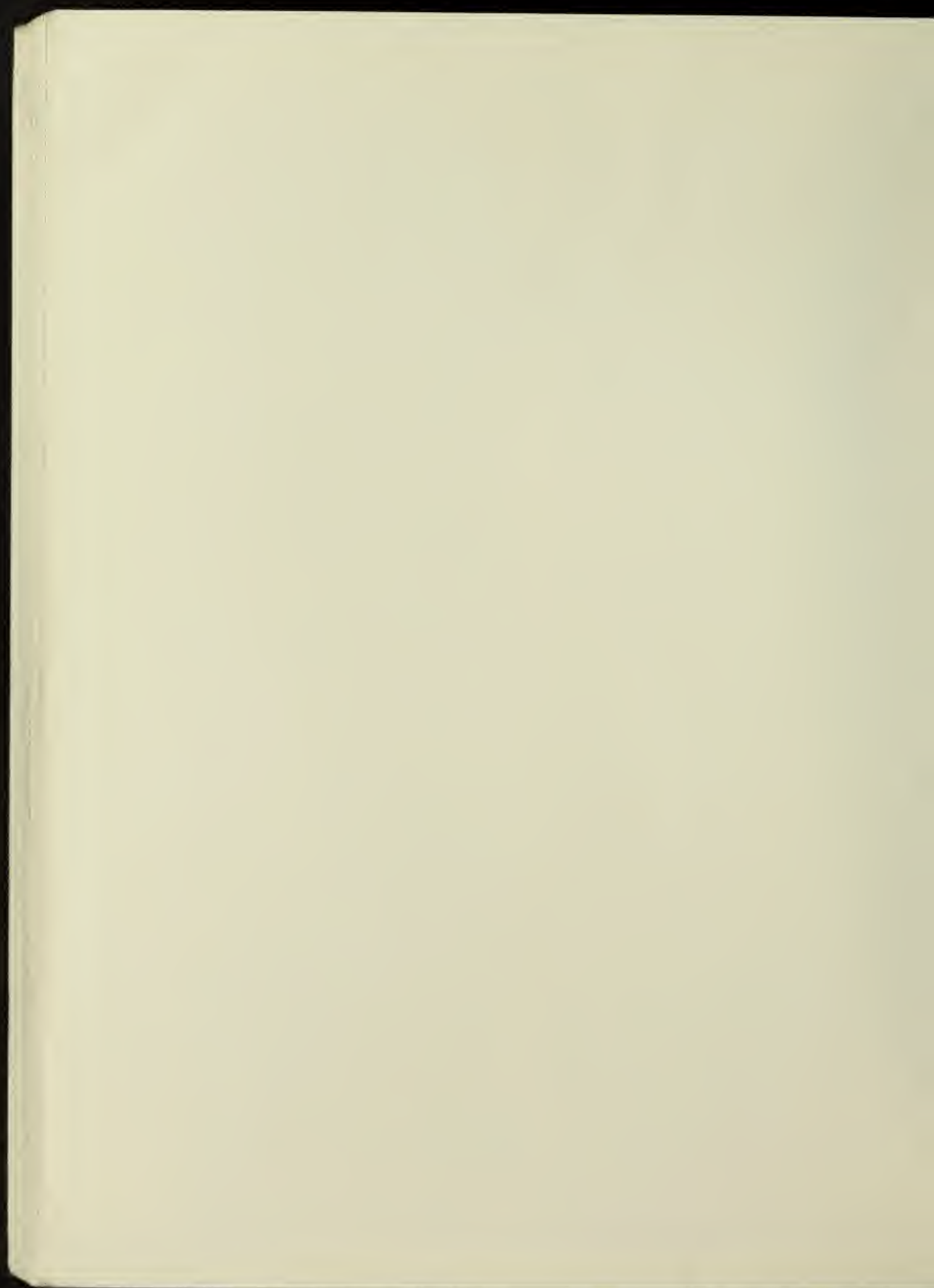
Zumwalt orders all ahead full on LAMPS program. Armed Forces J 108:18+ Sep 21 '70

Zumwalt zooms through (to Chief of Naval Operations over some 175 other officers). Armed Forces J 107:15 Apr 25 '70

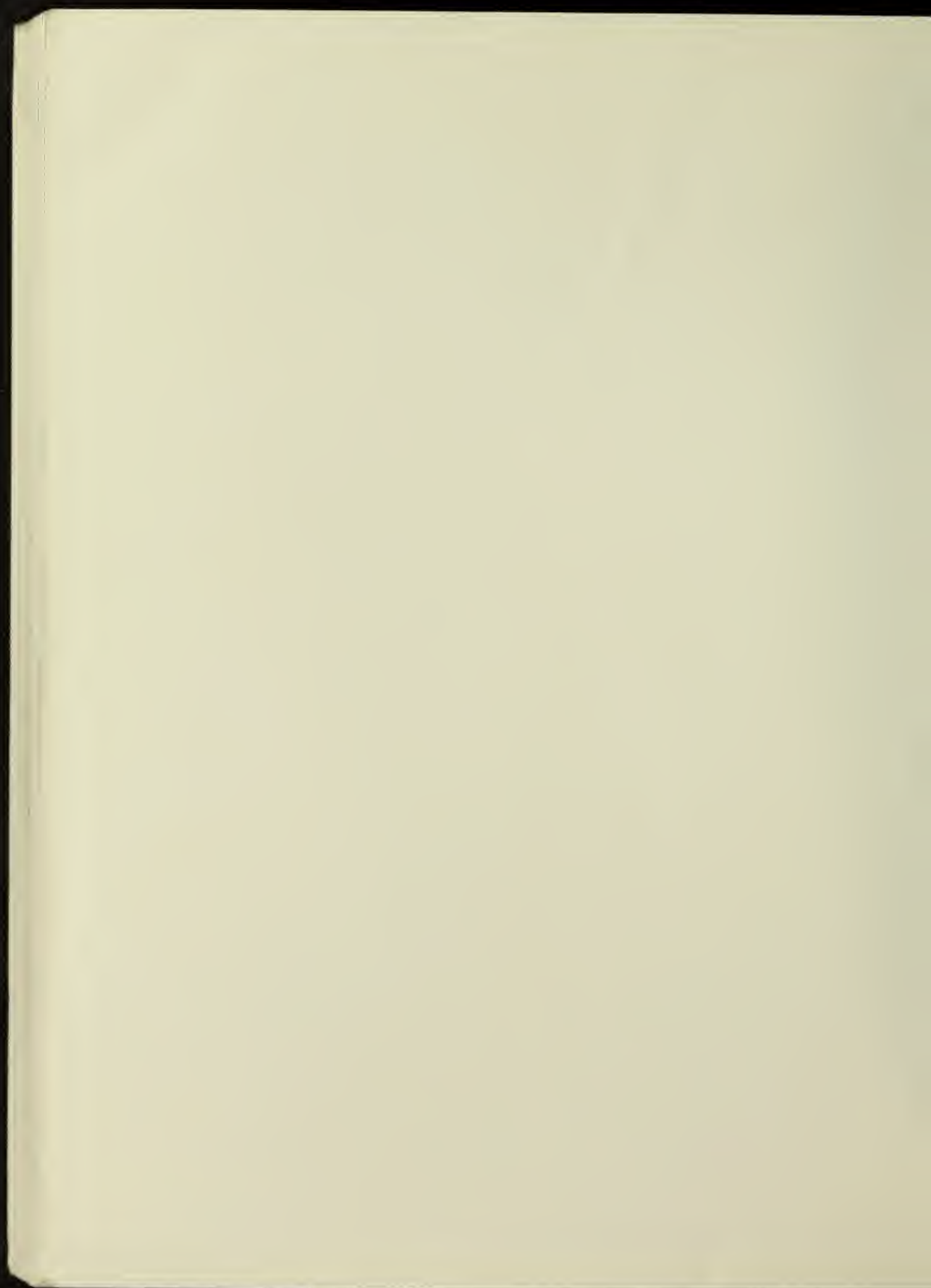
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